

Marketplace :-

★ E-Commerce for Medicine.

Purpose :-

★ Quick access and rapid delivery of medicines and wellness products.

1 Problem Solving :-

★ Counter the challenges of fast and reliable access to medicines during last minute emergencies and everyday health needs.

e.g.:-

★ Deliver essential medications to customer's doors during the lockdown or personal emergencies.

Use Cases:-

Emergencies or last minute needs.

Benefits :-

Convenience, Quick Access.

Examples :-

Drago, Time Medico, Kausar Medicos.

2- Target Audience :-

- ✧ Urgent needy Patients.
- ✧ Patients managing chronic health conditions.
- ✧ Families who rely on home delivery.
- ✧ Busy professionals that needs convenience.

3- Product & Services To Offer :-

- ✧ Medicines through Prescription.
- ✧ Drug Medicines (pain relievers, cold medicine).
- ✧ Wellness Products.

Services :-

- ✧ 24/7 Delivery for emergencies.
- ✧ Easy Access for the medicines.

4- (USP):-

- ✧ Speedy Access
- ✧ Convenience
- ✧ Reliability
- ✧ Accessibility

Data Schema:-

Entities :-

1) Products:-

- ✧ Product ID:- For each unique Product.
- ✧ Name :- Name of the product.
- ✧ Category :- Unique Categories.
- ✧ Description :- Details about the medicines.
- ✧ Price :- Price for each medicine.
- ✧ Stock Level :- Quantity Available in inventory.
- ✧ Tags :- Keywords related to product.
- ✧ Expiration Date :- Expiration date for each products.

2 - Customers :-

- ✧ Customer ID :- Unique ID for each customers.
- ✧ Name :- Full name of Customers.
- ✧ Contact Info :- Contact info for each customers.
- ✧ Address :- Delivery address of customer.
- ✧ Order History :- List of ordered products.

3 - Orders :-

- ✧ Order ID :- Unique ID for each order.
- ✧ Customer ID :- link to the customer that places the order.
- ✧ Status :- Status of delivery.
- ✧ Delivery Date :- Expected or actual delivery date.
- ✧ Delivery Info :- Details of the assigned delivery driver.
- ✧ Amount :- Total Order Amount.
- ✧ Product IDs :- Link to the ordered products

4. Shipments :-

- ✱ Shipment ID :- Unique ID for tracking.
- ✱ Order ID :- Linked to the order.
- ✱ Delivery status :- Status of the delivery.
- ✱ Date :- Expected date.
- ✱ Info :- Information of the delivery assigned to the order.

5. Pharmacies :-

- ✱ Pharmacy ID :- Unique ID of Pharmacy.
- ✱ Name :- Name of the pharmacy.
- ✱ Stock :- Remaining Inventory Stock.
- ✱ Contact Info :- Phone Number and email.

6. Delivery Zone :-

- ✱ Zone ID :- Delivery Area Identifier.
- ✱ Zone Name :- Name of the Zone.
- ✱ Coverage Area :- Postal Codes covered in the zones.
- ✱ Assigned Deliverers :- Drivers responsible for the deliveries in specific Areas.

Relationships Between Entities:-

1. Products \longleftrightarrow Orders
* Product ID in the Order Details
2. Orders \longleftrightarrow Customers
* Customer ID in the Orders tab.
3. Orders \longleftrightarrow Shipments
* OrderID in the shipments tab.
4. Product \longleftrightarrow Pharmacies
~~Product~~
* PharmacyID in the products tab.
5. Shipments \longleftrightarrow Delivery Zones.
* ZoneID in the shipments tab.

Diagram Representation

[Products]

- Product ID
- Name
- Price
- Stock Level



[Orders]

[Customers]

- | | |
|----------------------------|----------------|
| - Order ID | - Customer ID |
| - Product ID | - Name |
| Ordering Status | - Contact Info |
| - Total Amount | |



[Shipments]

[Delivery Zones]

- | | |
|-------------------|-----------------|
| - Shipment ID | - Zone ID |
| - Order ID | - Zone Name |
| - Delivery Status | - Coverage Area |



[Pharmacies]

- Pharmacy ID
- Name
- Location